

WAFER ALKALINE CELL

ABSTRACT OF THE DISCLOSURE

A wafer alkaline cell of a laminar structure is disclosed. The cell has a pair of opposing sides comprising at least the majority of the boundary surface of said cell. The opposing sides define a short cell dimension therebetween. The cell comprises an anode assembly and a cathode assembly bonded together to form a laminate structure. The cell comprises a single frame or two separate frames housing the anode and cathode material. The anode assembly has an anode material therein typically comprising zinc and the cathode assembly has a cathode material therein typically comprising manganese dioxide. The cell is durable and preferably rigid, has elongated leak block paths, and resists electrolyte leakage.